Geometry

Name _____

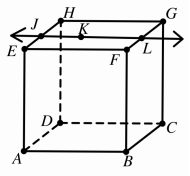
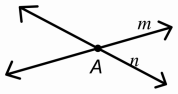
Per. _____ Date _____

UNIT 1

For each target, rate yourself on how well you know the target.

1) I've never seen this topic before and wouldn't even know how to begin.
2) I've heard or seen this before, but don't know how to start or complete the problem
3) I know the topic and can work through the problem but am unsure whether I am correct.
4) I feel comfortable that I could present my work and solution to the class.
5) I feel that I could correctly teach this topic to another student if asked.

By the end of this unit, you should be able to:

				Rating				
Section(s)	**Target/Skill/Objective**		**Example**	1	2	3	4	5
1.1	1A	Identify, name, draw and label points lines, and planes; line segments, rays, and opposite rays.	Draw and label $\overline{AB}$, $\overleftrightarrow{AB}$					
1.1	1B	Apply the terms collinear and coplanar points. (in the picture at the right, name 3 collinear points, 3 coplanar points.)						
1.1	1C	Identify intersections.	 A is the intersection of lines *m* and *n*.					
1.2	1D	Use a ruler to measure with inches, centimeters, and millimeters.	Use a ruler to measure your book.					
1.2	1E	Set up algebraic and arithmetic problems using "part + part = whole" (segment addition postulate).	If B is between A and C and AB = 23x + 5, BC = 10 and AC = 21, find x and AB.					
1.3	1F	Apply the terms midpoint and segment bisector. Identify and apply congruent segments.	If M is the midpoint of $\overline{AB}$ and AM = 4x – 1, MB = 3x + 2, find x					
1.2 1.3 1.7	1G	Apply the distance formula in problems involving perimeter.	Find the perimeter of a triangle with vertices (4, 6), (1, 2), (5, 2).					
1.3	1H	Apply the midpoint formula.	If M (1, 4) is the midpoint of $\overline{RS}$ and R (5, 1) is one of the endpoints, find the coordinates of S.					